

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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|------------|---|-----------|-----------------------|
| Applicant  | : Khalid Sayood et al.  | Art Unit  | : 1631                |
| Serial No. | : 10/561,889  | Examiner  | : Russell Scott Negin |
| Filed      | : September 6, 2006   | Conf. No. | : 5917                |
| Title      | : SYSTEM AND METHOD FOR SEQUENCE DISTANCE MEASURE FOR<br>PHYLOGENETIC TREE CONSTRUCTION |           |                       |

**Mail Stop Amendment**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

REPLY TO ACTION OF APRIL 29, 2010

Please amend the above-identified application as follows: